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      (c) 2002 Amer.Meteorological Soc.  
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      (c) 2004 Paint Research Assn.  
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          (c) 2004 FSTA IFIS Publishing  
 File 53:FOODLINE(R): Food Science & Technology 1972-2004/Mar 31  
          (c) 2004 LFRA  
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          (c) 2004 Geosystems  
 File 62:SPIN(R) 1975-2004/Feb W2  
          (c) 2004 American Institute of Physics  
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          (c) fmt only 2004 Dialog Corp.  
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          (c) 2004 Amer.Soc.of Health-Sys.Pharm.  
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          (c) 2004 The Gale Group  
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          (c) 2002 General Mills  
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 File 81:MIRA - Motor Industry Research 2001-2004/Feb  
          (c) 2004 MIRA Ltd.  
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 File 86:Mental Health Abstracts 1969-2000/Jun  
          (c) 2000 IFI/CLAIMS(r)  
 File 87:TULSA (Petroleum Abs) 1965-2004/Apr W1  
          (c)2004 The University of Tulsa  
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          (c) 2004 The Gale Group  
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          (c) 2004 American Geological Institute  
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          2001 (c) Action Potential  
 File 92:IHS Intl.Stds.& Specs. 1999/Nov  
          (c) 1999 Information Handling Services  
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          (c) 2004 The Gale Group  
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          (c)2004 Japan Science and Tech Corp(JST)  
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          (c) 2004 Elsevier Science Ltd.  
 File 98:General Sci Abs/Full-Text 1984-2004/Feb  
          (c) 2004 The HW Wilson Co.

? ds

Set       Items    Description

S1 402588 ((COMMUNICATION? OR TELECOMMUNICATION? OR PACKET?) ( ) NETWORK-  
 K?)  
 S2 55614 (METERED OR METER OR METERS OR METERING) (5N) (USAGE? OR UTI-  
 LIZ? OR UTILIS? OR USE? ? OR USING)  
 S3 24 S1(5N)S2  
 S4 9 S3 NOT PY>1998  
 S5 7 RD (unique items)  
 S6 30009 (METERED OR METER OR METERS OR METERING) (5N) (TARIFF? OR BI-  
 LLING? OR CHARGING OR CHARGE OR CHARGES OR PRICE OR PRICES OR  
 COST OR COSTS OR FEE OR FEES OR RATE OR RATES)  
 S7 3 S1(5N)S6  
 S8 3 S7 NOT S5  
 S9 2 RD (unique items)  
 S10 1457834 (TARIFF? OR BILLING? OR CHARGING OR CHARGE OR CHARGES OR P-  
 RICE OR PRICES OR COST OR COSTS OR FEE OR FEES OR RATE OR RAT-  
 ES) (5N) (USAGE? OR UTILIZ? OR UTILIS? OR USE? ? OR USING)  
 S11 397 S1(3N)S10  
 S12 219 S11 NOT PY>1998  
 S13 219 S12 NOT (S5 OR S9)  
 S14 168 RD (unique items)  
 S15 105 S14 NOT COSTS  
 S16 70 S15 NOT RATE  
 S17 16 S16 NOT COST  
 S18 231 S1(5N) (SERVICE OR SERVICES) (3N) (LEVEL OR LEVELS OR HIEARAC-  
 H? OR TIER? OR RANK?)  
 S19 0 S18(5N) (MONITOR? OR DETERMIN? OR SELECT? OR VERIF?) (3N) (EL-  
 IGIB? OR SCHEDUL?)

5/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2004 The Gale Group. All rts. reserv.

2091198 Supplier Number: 02091198 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Illinois Power Deploys Whisper Wireless LAN**  
**(Whisper Communications to supply its wireless local area network for automatic meter reading system being launched by Illinois Power)**  
Wireless Week, p 45+  
March 02, 1998  
DOCUMENT TYPE: Journal ISSN: 1085-0473 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1279

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:

...network by Whisper, will link over 600,000 utility customers to an Illinois Power customer **communications network** that **utilizes** Schlumberger Industries' advanced **meter** data management system. Whisper's systems manages data traffic from metering devices to a wide...

TEXT:

...area network, will connect more than 600,000 utility customers to an Illinois Power customer **communications network** that **uses** Schlumberger Industries' advanced **meter** data management system. Schlumberger also will deploy, maintain and operate the entire communications network for...

5/3,K/2 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01577410 02-28399  
**Integrating metering & information systems**  
Masiello, Ralph D  
Public Utilities Fortnightly v136n3 PP: 38-43 Feb 1, 1998  
ISSN: 1078-5892 JRNL CODE: PUF  
WORD COUNT: 2352

...TEXT: and MDMAs transmit this sensitive data back and forth between each other? What sort of **communications networks** will they **use** ?

Some vendors in the automated **meter** reading business have already come to rely on proprietary communications networks to receive and transmit...will have to pay for it.

Network Connections: Public or Private?

Today there are automatic **meter** reading systems that **use** special-purpose, proprietary and private **communications networks** to communicate with the meters. Older systems employed power line carrier technology (PLC) which used...

5/3,K/3 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00559325 91-33682

**Massachusetts Tests "Intelligent" Power Network**

Kline, Sam

Public Utilities Fortnightly v128n2 PP: 47-48 Jul 15, 1991

ISSN: 0033-3808 JRNL CODE: PUF

WORD COUNT: 1438

...TEXT: directly download it to the billing computer with an almost 100 percent access to each **meter** .

With the goal of **using** the technologies pioneered for the **communications networks** to provide

**5/3,K/4 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

05745374 Supplier Number: 50227813 (USE FORMAT 7 FOR FULLTEXT)

**Scientific-Atlanta Reports Record Fourth Quarter and Fiscal Year Earnings**

PR Newswire, p0806ATTH024

August 6, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newswire; Trade

Word Count: 1830

... of Subscriber Communicator Units for  
tracking of rail cars and tractor trailers and for automated  
**meter**

reading **utilizing** the ORBCOMM global **communications**  
**network** . ORBCOMM

provides two-way monitoring, tracking and messaging services through  
the world's first low...

**5/3,K/5 (Item 2 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

04442591 Supplier Number: 46520375 (USE FORMAT 7 FOR FULLTEXT)

**SCIENTIFIC-ATLANTA SATELLITE NETWORK MODERNIZES CZECH REPUBLIC AND SLOVAK  
TELECOMMUNICATIONS FOR VSAT COMMUNICATIONS SERVICES**

PR Newswire, p0702ATTU017

July 2, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 791

... to become a major market force in the Czech Republic and Slovakia."  
The MCPC data **communications network** is already in service **using**  
a 4.5- **meter** central earth station and 2.4-meter antennas at remote sites.  
The network supplies vital...

**5/3,K/6 (Item 3 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

03266070 Supplier Number: 44495753 (USE FORMAT 7 FOR FULLTEXT)

**New Mexico gas plant operator automates field control**

The Oil and Gas Journal, p84

March 7, 1994

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 2358

... accessed in GPM's Odessa, Tex., and Houston offices through the company's wide area **communications network**.

As its primary electronic flow **meter**, GPM **uses** Total Flow from Applied Automation Inc., Bartlesville, Okla. This is a microprocessor-based computer designed...

**5/3,K/7 (Item 1 from file: 29)**

DIALOG(R)File 29:Meteor.& Geoastro.Abs.

(c) 2002 Amer.Meteorological Soc. All rts. reserv.

0212671 MGA43050672

**Study of the improvement of the data processing methods using the wave meter**

Chang, How-jan

Meteor. Satellite Center, Central Weather Bureau

Meteorological Bulletin, Taiwan, Republic of China, 37(3): 249-265, September 1991. Refs., figs., tables. In Chinese; English and Chinese summaries.

?

9/3,K/1 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2004 The Gale group. All rts. reserv.

04637927 SUPPLIER NUMBER: 18884938

**Vendors offer automated meter-reading as a service - not a technology.**

Electrical World, v210, n8, p45(3)

August, 1996

ISSN: 0013-4457 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: electric power utilities deem AM as too costly an investment. AMR eliminates the need for **meter** installation and the **costs** associated with **communications - network** operation and data handling.

9/3,K/2 (Item 1 from file: 95)

DIALOG(R)File 95:TEME-Technology & Management

(c) 2004 FIZ TECHNIK. All rts. reserv.

01149213 E97116025017

**Vorelektrifizierung laendlicher Gebiete mit Hilfe der Photovoltaik.  
Technische und institutionelle Ansaetze fuer die Wirtschaftlichkeit von  
Inselnetzen als eine Uebergangslaesung**

Leoni Schmid, A

Fak. fuer Architektur, Univ. (TH) Karlsruhe, D

1996

Document type: Report Language: German

Record type: Abstract

ISBN: 3-631-31212-1

...DESCRIPTORS: MAINTENANCE; COSTING; **TARIFFS** ; ELECTRICITY **METERS** ;  
**COMMUNICATION NETWORKS** ; LOAD...

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17/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03849680 INSPEC Abstract Number: B91026951, C91025717

**Title: ANSER and home banking**

Author(s): Morita, T.

Journal: Data Communication and Processing vol.22, no.3 p.53-6

Publication Date: 1990 Country of Publication: Japan

CODEN: DTSUDF ISSN: 0285-9394

Language: Japanese

Subfile: B C

...Abstract: terminal. This home banking service is characterized by low investment for equipment installation, comparatively small **charges** for long-distance communication using DDP-TP ( **packet network** ), high security based on a system for recognising users by originating call numbers, and visual...

17/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03820755 INSPEC Abstract Number: B91011872, C91016540

**Title: Broadband and fast packet switching**

Author(s): de Stigter, J.

Conference Title: Electronic Messaging and Communications Systems 89. Proceedings of the Conference p.135-45

Publisher: Blenheim Online, London, UK

Publication Date: 1990 Country of Publication: UK x+351 pp.

ISBN: 0 86353 194 6

Conference Date: 6-7 Dec. 1989 Conference Location: London, UK

Language: English

Subfile: B C

...Abstract: in fixed size cells and by simplifying the protocol the transfer mode provides a flexible **communication network**. **User rates** can vary between kbit/s and 140 Mbit/s over the same interface.

17/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03483722 INSPEC Abstract Number: B89066855

**Title: Telecommunication network-based services**

Publisher: OECD, Paris, France

Publication Date: 1989 Country of Publication: France 277 pp.

Language: English

Subfile: B

...Abstract: a detailed examination of current regulatory practices and their impact on market structures, access and **use** of **telecommunication networks** and **tariff** policy. Annexes include background information on national regulatory policies; detailed information on member country interpretation...

17/3,K/4 (Item 4 from file: 2)



DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03290205 INSPEC Abstract Number: B89011412

**Title: The PCM project of the EVO**

Author(s): Winkler, A.

Author Affiliation: Energieversorgung Oberfranken AG, Bayreuth, West Germany

Journal: Elektrizitaetswirtschaft vol.87, no.18 p.821-5

Publication Date: 29 Aug. 1988 Country of Publication: West Germany

CODEN: EKZWAZ ISSN: 0013-5496

Language: German

Subfile: B

...Abstract: expectation of 25 years life gives adequate reserves of bandwidth. Details of the Bayreuth/Arzberg **communications network** and associated equipment **using data rates** of 8 Mbit/s and 2 Mbit/s are described.

**17/3,K/5 (Item 5 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

01144034 INSPEC Abstract Number: B78006915

**Title: Effect of tariffing of communications on the development of a network**

Author(s): Pehani, B.

Journal: Telekomunikacije vol.26, no.1 p.3-5

Publication Date: 1977 Country of Publication: Yugoslavia

CODEN: TLKMAY ISSN: 0040-2605

Language: Croatian

Subfile: B

Abstract: A mathematical analysis is given of the dependence of the growth of a self-funding **communication network** on the **charge** made for its **use**, making the assumptions that there is equal utilisation of investment on all connections (i.e...

**17/3,K/6 (Item 1 from file: 6)**

DIALOG(R)File 6:NTIS

(c) 2004 NTIS, Intl Cpyrght All Rights Res. All rts. reserv.

1973077 NTIS Accession Number: PB96-978970

**Operations and Quality of Service. Universal Personal Telecommunication. Recommendation F.851. Universal Personal Telecommunication (UPT) - Service Description (Service Set 1)**

International Telecommunication Union, Geneva (Switzerland).  
International Telegraph and Telephone Consultative Committee.

Corp. Source Codes: 057051002

cFeb 95 27p

Languages: English

Journal Announcement: GRAI9622

Available in paper copy, U.S., Canada, and Mexico sales only. All others refer to: International Telecommunications Union, Place des Nations, 1211 Geneva 20 Switzerland.

NTIS Prices: PC\$35.00

Descriptors: Telecommunication; \*Standards; Services; Communication

networks ; User charges ; Fees ; Terminology; Definitions

17/3,K/7 (Item 1 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

02058143 E.I. Monthly No: EI8612129303 E.I. Yearly No: EI86120131

**Title: TELPAC, Multiservice Packet Switching in Telecommunication System.**

Title: TELPAC, SYSTEME DE TELECOMMUNICATIONS MULTISERVICE PAR PAQUETS.

Author: Fevrier, L.; Leterrier, J.; Slezak, S.

Corporate Source: LMT Radio Professionnelle, Boulogne-Billancourt, Fr

Source: Revue Technique Thomson - CSF v 17 n 4 Dec 1985 p 753-781

Publication Year: 1985

CODEN: RTTCBG ISSN: 0035-4279

Language: FRENCH

...Abstract: on. Principal objectives are: better use of digital media which are always the most important **charge** of a **communication network** ; **use** of different **rates** and not synchronous links (even for ciphering communications); and high level of fiability and resistance...

17/3,K/8 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

04071322 Supplier Number: 45927994 (USE FORMAT 7 FOR FULLTEXT)

**MCI INTRODUCED NETWORKMCI WIN**

Computergram International, n2790, pN/A

Nov 10, 1995

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 158

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...services called networkMCI WIN, for Wireless Integrated Network, based on its existing infrastructure, including full **use** of its intelligent **communications network** , **billing** and customer service that it says enables any local wireless services operator to build and...

17/3,K/9 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

03466879 Supplier Number: 44840396 (USE FORMAT 7 FOR FULLTEXT)

**Ameritech Breaks The Bank with Screen Phone**

America's Network, p27

July 15, 1994

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 406

... dials an Ameritech computer (local call) which dials Citibank's New York computer over a **packet network** (free of **charge** ).

Once connected, the **user** enters a security card and PIN.

After verification, the payer scrolls to the company to...

17/3,K/10 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

02279613 Supplier Number: 42980436 (USE FORMAT 7 FOR FULLTEXT)  
**Japan: ISDN-Based Online Gaming Begins 05/08/92**  
Newsbytes, pN/A  
May 8, 1992  
Language: English Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 182

... be around \$500.  
NTT's ISDN network called "INS Net 64" as well as the **packet network** DDX will be **used** in this system. Telecommunication **fees** are expected to be about half as expensive as calls on regular public phone lines...

17/3,K/11 (Item 1 from file: 18)  
DIALOG(R)File 18:Gale Group F&S Index(R)  
(c) 2004 The Gale Group. All rts. reserv.

01227308 Supplier Number: 40943561  
**Arco's IS democracy**  
InformationWeek, p44  
Sept 18, 1989  
ISSN: 8750-6874  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Tabloid; General Trade

ABSTRACT:  
...IBM machines in the early-1990s. The efficient use of IS is controlled by the **price** of crude oil. Arco **uses** ARConet, a **telecommunications network**. It also has a Cray supercomputer infaced by a proprietary MVS operating system. Arco also...

17/3,K/12 (Item 2 from file: 18)  
DIALOG(R)File 18:Gale Group F&S Index(R)  
(c) 2004 The Gale Group. All rts. reserv.

01224269 Supplier Number: 40936507  
**Don't leave your control logic in the dark**  
Telephony, p57  
Sept 11, 1989  
ISSN: 0040-2656  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
Performance data monitoring at DS3 transmission **rates** is vital to the successful **use** of self-healing **telecommunications networks**, according to M Wright, consultant, communications engineering, Applied Digital Access (San Diego, California). Real time...

17/3,K/13 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

03143621

**Telstra fee to rivals overpriced: ACCC**

John Rouw

ABIX - AUSTRALASIAN BUSINESS INTELLIGENCE (AGE) , p5

October 17, 1998

JOURNAL CODE: WTAG LANGUAGE: English RECORD TYPE: ABSTRACT

WORD COUNT: 80

... has found that it would be possible for Telstra Corp to decrease the prices it **charges** for other telephone companies to **use** its **telecommunications network** in Australia. Those competitors include Optus Communications (Cable & Wireless Optus) and AAPT Limited. Telstra Corp...

**17/3,K/14 (Item 1 from file: 49)**

DIALOG(R)File 49:PAIS Int.

(c) 2004 Public Affairs Information Service. All rts. reserv.

00475073 PAIS Number: 94-0109603

**America's information highway.**

Economist (London) 329:35-6+ D 25 1993, il(s)

LANGUAGE: Engl

DOC TYPE: p

**ABSTRACT/NOTES:**

Role of industry, universities, and government in development of a national **telecommunications network** ; comparison of **user fees** for Prodigy, America Online, Delphi, and CompuServe.

**17/3,K/15 (Item 1 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

(c)2004 Japan Science and Tech Corp(JST). All rts. reserv.

01355519 JICST ACCESSION NUMBER: 91A0742925 FILE SEGMENT: JICST-E

**Research report on the effect of information systematization on industrial structure. ( Sponsor : Japan Industrial Policy Res. Inst. ) .**

Mitsubishi Res. Inst. Inc.

Johoka ga Sangyo Soshiki ni Ataeru Eikyo ni kansuru Chosa Kenkyu Hokokusho.

Showa 59nen, 1984, PAGE.119P

JOURNAL NUMBER: N19912266Z

UNIVERSAL DECIMAL CLASSIFICATION: 681.3.002+ 621.394/.395

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

...ABSTRACT: VAN in minor enterprises. Upgrading of VAN services. Details of the second circuit release. Free **using** of **telecommunication networks** and **charge** . Competition introduced to telecommunications business and desirable charge regulation. The participation of NTT in advanced...

**17/3,K/16 (Item 1 from file: 95)**

DIALOG(R)File 95:TEME-Technology & Management

(c) 2004 FIZ TECHNIK. All rts. reserv.

00970955 M96021341524

**Regulierung der Deregulierung im Telekommunikationssektor**

(Regulation of deregulation in the telecommunications sector)

Picot, A; Burr, W

Univ. Muenchen, D; Univ. Hohenheim, Stuttgart, D

Schmalenbachs Zeitschrift fuer betriebswirtschaftliche Forschung - ZfbF,  
v48, n2, pp173-200, 1996

Document type: journal article Language: German

Record type: Abstract

ISSN: 0341-2687

**ABSTRACT:**

...to interventions in the linking of telecommunications networks  
(interconnection regulation), price determination for telecommunication  
services ( **price** cap regulation), the **use** of a **telecommunication**  
**network** by competing service providers (open network provision), and the  
question of symmetric or asymmetric treatment...  
?

File 16:Gale Group PROMT(R) 1990-2004/Mar 31  
     (c) 2004 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2004/Mar 30  
     (c)2004 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
     (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2004/Mar 31  
     (c) 2004 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2004/Mar 31  
     (c) 2004 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2004/Mar 31  
     (c) 2004 The Gale Group  
 File 9:Business & Industry(R) Jul/1994-2004/Mar 30  
     (c) 2004 The Gale Group  
 File 15:ABI/Inform(R) 1971-2004/Mar 30  
     (c) 2004 ProQuest Info&Learning  
 File 20:Dialog Global Reporter 1997-2004/Mar 31  
     (c) 2004 The Dialog Corp.  
 File 95:TEME-Technology & Management 1989-2004/Mar W2  
     (c) 2004 FIZ TECHNIK  
 File 476:Financial Times Fulltext 1982-2004/Mar 31  
     (c) 2004 Financial Times Ltd  
 File 610:Business Wire 1999-2004/Mar 31  
     (c) 2004 Business Wire.  
 File 613:PR Newswire 1999-2004/Mar 31  
     (c) 2004 PR Newswire Association Inc  
 File 624:McGraw-Hill Publications 1985-2004/Mar 30  
     (c) 2004 McGraw-Hill Co. Inc  
 File 634:San Jose Mercury Jun 1985-2004/Mar 30  
     (c) 2004 San Jose Mercury News  
 File 810:Business Wire 1986-1999/Feb 28  
     (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
     (c) 1999 PR Newswire Association Inc  
 File 2:INSPEC 1969-2004/Mar W3  
     (c) 2004 Institution of Electrical Engineers  
 File 6:NTIS 1964-2004/Mar W4  
     (c) 2004 NTIS, Intl Cpyrght All Rights Res  
 File 8:Ei Compendex(R) 1970-2004/Mar W3  
     (c) 2004 Elsevier Eng. Info. Inc.  
 File 34:SciSearch(R) Cited Ref Sci 1990-2004/Mar W3  
     (c) 2004 Inst for Sci Info  
 File 92:IHS Intl.Stds.& Specs. 1999/Nov  
     (c) 1999 Information Handling Services  
 File 94:JICST-EPlus 1985-2004/Mar W2  
     (c)2004 Japan Science and Tech Corp(JST)  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Feb  
     (c) 2004 The HW Wilson Co.  
 File 144:Pascal 1973-2004/Mar W3  
     (c) 2004 INIST/CNRS  
 File 202:Info. Sci. & Tech. Abs. 1966-2004/Feb 27  
     (c) 2004 EBSCO Publishing  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
     (c) 1998 Inst for Sci Info  
 File 647:CMP Computer Fulltext 1988-2004/Mar W3  
     (c) 2004 CMP Media, LLC  
 File 696:DIALOG Telecom. Newsletters 1995-2004/Mar 30  
     (c) 2004 The Dialog Corp.

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Set	Items	Description
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S1 621331 ((COMMUNICATION? OR TELECOMMUNICATION? OR PACKET?) ( ) NETWORK-  
 K?)  
 S2 465 S1 (5N) (SERVICE OR SERVICES) (3N) (LEVEL OR LEVELS OR HIEARAC-  
 H? OR TIER? OR RANK?)  
 S3 63498 (METERED OR METER OR METERS OR METERING) (5N) (USAGE? OR UTI-  
 LIZ? OR UTILIS? OR USE? ? OR USING)  
 S4 3516542 (MEASUR? OR MONITOR? OR ESTIMAT? OR CALCULAT? OR DETERMIN?  
 OR DETECT?) (5N) (USAGE? OR UTILIZ? OR UTILIS? OR USE? ? OR USI-  
 NG)  
 S5 1792359 (TARIFF? OR BILLING? OR CHARGING OR CHARGE OR CHARGES OR P-  
 RICE OR PRICES OR COST OR COSTS OR FEE OR FEES OR RATE OR RAT-  
 ES) (5N) (USAGE? OR UTILIZ? OR UTILIS? OR USE? ? OR USING)  
 S6 40960 (METERED OR METER OR METERS OR METERING) (5N) (TARIFF? OR BI-  
 LLING? OR CHARGING OR CHARGE OR CHARGES OR PRICE OR PRICES OR  
 COST OR COSTS OR FEE OR FEES OR RATE OR RATES)  
 S7 69090 (MONITOR? OR DETERMIN? OR SELECT? OR VERIF?) (3N) (ELIGIB? OR  
 SCHEDUL?)  
 S8 1036 AU=(BRISCOE, R? OR BRISCOE R? OR RIZZO, M? OR RIZZO M?)  
 S9 14 S2(S) (S3 OR S4 OR S5 OR S6 OR S7)  
 S10 12 S9 NOT PY>1998  
 S11 5 RD (unique items)  
 S12 0 S2(S)S8

11/3,K/1 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06014163 Supplier Number: 53422560 (USE FORMAT 7 FOR FULLTEXT)  
**Qwest throws down pricing gauntlet. (Company Business and Marketing)**  
Rohde, DAVID  
Network World, p1(1)  
Dec 14, 1998  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1610

... relay, ATM, private lines and Internet access.  
But Qwest will offer some major twists: pure **usage** -based **billing** ,  
voice carriage over **packet networks** , souped-up **service - level**  
agreements (SLA) and - true to CEO Joe Nacchio's word - much lower prices.  
Qwest's...

11/3,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05711558 Supplier Number: 50172522 (USE FORMAT 7 FOR FULLTEXT)  
**Scientific-Atlanta to Supply Advanced Satellite Telecommunications System  
for Rural Australia**  
PR Newswire, p715ATW016  
July 15, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newswire; Trade  
Word Count: 538

... s new rural satellite service will be based on Scientific-  
Atlanta's Skylinx(TM) digital **telecommunications network** system. It can  
supply this **level** of quality and **service cost** -effectively because it  
**uses** DAMA (Demand Assigned Multiple Access) technology. This enables the  
use of satellite channels on an...

11/3,K/3 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05736864 SUPPLIER NUMBER: 11936061  
**Net managers call for better stats. (network, reliabilty statistics)**  
Betts, Mitch  
Computerworld, v26, n6, p62(1)  
Feb 10, 1992  
ISSN: 0010-4841 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: the TCA would like a lower threshold, and for local carriers  
to publish internal standards **used** to **determine** service quality so  
users can compare the figures with other service suppliers.

11/3,K/4 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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03825789 SUPPLIER NUMBER: 07351766

**Telecom gets personal. (a proposal to set up a Personal Communications Network in Great Britain)**

Woolnough, Roger

Electronic Engineering Times, n542, p26(1)

June 12, 1989

ISSN: 0192-1541

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: personal communications networks. The PCN proposal involves three tiers of service, each with a different **tariff** structure and tailored for **use** in the home, office, or on the move. The first tier is cordless service similar...

**11/3,K/5 (Item 1 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

02064659 INSPEC Abstract Number: B83035402, C83024929

**Title: Bildschirmtext and the CEPT videotex system**

Author(s): Von Vignau, R.A.

Author Affiliation: Applikationslab., Valvo, Hamburg, West Germany

Journal: IEEE Journal on Selected Areas in Communications vol.SAC-1, no.2 p.254-9

Publication Date: Feb. 1983 Country of Publication: USA

CODEN: ISACEM ISSN: 0733-8716

U.S. Copyright Clearance Center Code: 0733-8716/83/0200-0254\$01.00

Language: English

Subfile: B C

...Abstract: for a wide range of applications. The German Post Office will be offering a complete **service**, not just the **communications network**. The **service** will guarantee a minimum **level** of display capabilities and will provide computer facilities for small information providers, as well as...

... the system. All users are guaranteed only local telephone calls to the next Bildschirmtext center. **Charges** for **using** the system are thus kept to a minimum.

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Mar  
(c)2004 Info.Sources Inc  
File 2:INSPEC 1969-2004/Mar W3  
(c) 2004 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2004/Feb  
(c) 2004 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2004/Mar W4  
(c) 2004 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Feb  
(c) 2004 The HW Wilson Co.  
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
(c) 2003 EBSCO Pub.  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group  
File 474:New York Times Abs 1969-2004/Mar 30  
(c) 2004 The New York Times  
File 475:Wall Street Journal Abs 1973-2004/Mar 30  
(c) 2004 The New York Times

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Set	Items	Description
S1	81601	((COMMUNICATION? OR TELECOMMUNICATION? OR PACKET?) ( )NETWORK?)
S2	34	S1(5N) (SERVICE OR SERVICES) (3N) (LEVEL OR LEVELS OR HIEARACH? OR TIER? OR RANK?)
S3	7053	(METERED OR METER OR METERS OR METERING) (5N) (USAGE? OR UTILIZ? OR UTILIS? OR USE? ? OR USING)
S4	810721	(MEASUR? OR MONITOR? OR ESTIMAT? OR CALCULAT? OR DETERMIN? OR DETECT?) (5N) (USAGE? OR UTILIZ? OR UTILIS? OR USE? ? OR USING)
S5	147075	(TARIFF? OR BILLING? OR CHARGING OR CHARGE OR CHARGES OR PRICE OR PRICES OR COST OR COSTS OR FEE OR FEES OR RATE OR RATES) (5N) (USAGE? OR UTILIZ? OR UTILIS? OR USE? ? OR USING)
S6	2740	(METERED OR METER OR METERS OR METERING) (5N) (TARIFF? OR BILLING? OR CHARGING OR CHARGE OR CHARGES OR PRICE OR PRICES OR COST OR COSTS OR FEE OR FEES OR RATE OR RATES)
S7	4928	(MONITOR? OR DETERMIN? OR SELECT? OR VERIF?) (3N) (ELIGIB? OR SCHEDUL?)
S8	166	AU=(BRISCOE, R? OR BRISCOE R? OR RIZZO, M? OR RIZZO M?)
S9	2	S2 AND (S3 OR S4 OR S5 OR S6)
S10	2	RD (unique items)
S11	0	S2 AND S7
S12	0	S2 AND S8

10/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2004 Institution of Electrical Engineers. All rts. reserv.

7175366 INSPEC Abstract Number: B2002-03-6210R-015

**Title: Dynamic resource management scheme for multimedia services in wireless communication networks**

Author(s): Dong-Eun Lee; Bong-Ju Lee; Jae-Wook Ko; Young-Chon Kim

Author Affiliation: Dept. of Internet & Comput., Chungwoon Univ., South Korea

Conference Title: Networking - ICN 2001. First International Conference on Networking. Proceedings, Part II (Lecture Notes in Computer Science Vol.2094) p.1-10

Editor(s): Lorenz, P.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 2001 Country of Publication: Germany xxv+899 pp.

ISBN: 3 540 42303 6 Material Identity Number: XX-2001-02111

Conference Title: Networking ICN 2001 - First International Conference on Networking. Proceedings. Part 11

Conference Date: 9-13 July 2001 Conference Location: Colmar, France

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: We present a dynamic wireless resource management scheme considering the call **level** QoS and mobility characteristics for multimedia **services** in wireless **communication networks**. The objectives of the proposed scheme are to improve the utilization of wireless resources and reduce the blocking probability of a new call while guaranteeing the required QoS of handoff calls with various service classes. The wireless resources are reserved preferentially for handoff calls in order to provide their required call level QoS. Those resources can also be dynamically allocated as much as the request probability of each class for new calls. The request probability of each class is **determined using** mobility characteristics, channel occupancy, and correction factor of each class to keep the new call blocking probability as low as possible. (6 Refs)

Subfile: B

Descriptors: mobile radio; multimedia communication; probability; quality of service

Identifiers: dynamic wireless resource management scheme; call level QoS; mobility characteristics; multimedia services; wireless communication networks; call blocking probability; handoff calls; request probability; channel occupancy; correction factor

Class Codes: B6210R (Multimedia communications); B6250F (Mobile radio systems)

Copyright 2002, IEE

10/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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02064659 INSPEC Abstract Number: B83035402, C83024929

**Title: Bildschirmtext and the CEPT videotex system**

Author(s): Von Vignau, R.A.

Author Affiliation: Applikationslab., Valvo, Hamburg, West Germany

Journal: IEEE Journal on Selected Areas in Communications vol.SAC-1, no.2 p.254-9

Publication Date: Feb. 1983 Country of Publication: USA

CODEN: ISACEM ISSN: 0733-8716

U.S. Copyright Clearance Center Code: 0733-8716/83/0200-0254\$01.00

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G); Practical (P)

Abstract: In Germany the introduction of a videotex service, Bildschirmtext, run by the German Post Office, will take place in the autumn of 1983. Germany will be the first country to implement an internationally specified videotex service on a large scale. This service will offer a comprehensive set of facilities to offer to a wide spectrum of information providers and users the optimum use of the system. A description of the main facilities and service requirements is accompanied by application examples. These facilities include an enhanced color scheme using a redefinable color lookup table and enhanced graphics for a wide range of applications. The German Post Office will be offering a complete **service**, not just the **communications network**. The **service** will guarantee a minimum **level** of display capabilities and will provide computer facilities for small information providers, as well as integrate external computers from larger information providers into the system. All users are guaranteed only local telephone calls to the next Bildschirmtext center. **Charges** for **using** the system are thus kept to a minimum. (0 Refs)

Subfile: B C

Descriptors: viewdata

Identifiers: Bildschirmtext; CEPT videotex system; German Post Office; information providers; service requirements; enhanced color scheme; redefinable color lookup table; enhanced graphics; communications network; computer facilities; telephone calls

Class Codes: B6210K (Viewdata and teletext); C7100 (Business and administration); C7210 (Information services and centres)

STN Search

=> d hist

(FILE 'HOME' ENTERED AT 13:57:57 ON 31 MAR 2004)

FILE 'CONFSCI' ENTERED AT 13:58:05 ON 31 MAR 2004

L1 467 S ((COMMUNICATION? OR TELECOMMUNICATION? OR PACKET?) ( ) NETWORK?)

L2 0 S L1(5N) (METERED OR METER OR METERS OR METERING) (5N) (USAGE? OR